

LISTING OF THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Claim 1. (Currently amended) A read-write head comprising:

a first block;

a carrier connected movably with the first block carrying a read-write element, whereby said carrier is connected resiliently movable with said first block by at least one leaf spring; and

two electromagnetic actuator devices with at least one electromagnetic element to create magnetic forces which are acting upon the carrier, each of the two electromagnetic actuator devices having at least one actuator element connected to or integrated in the carrier, wherein the read-write element when viewed in a reading direction is located between both of the two electromagnetic actuator devices and is perpendicularly offset to a plane through the two electromagnetic actuator elements, so that an actuation of both of the two electromagnetic actuator devices results in a readjustment of ~~[[the]]~~ a distance between the read-write element and ~~[[the]]~~ a data surface to accomplish a height fine adjustment, and whereby a different operation of said two electromagnetic actuator devices results in a tilting or turning of the read-write element along an axis essentially parallel to ~~[[the]]~~ a read-write direction.

2. (Currently amended) The read-write head as claimed in claim 1, wherein the two electromagnetic actuator devices comprise the at least one actuator element attached or integrated to the carrier, on which forces are exertable by electromagnetic fields.

3. (Previously presented) The read-write head as claimed in claim 1, wherein the at least one electromagnetic element includes a coil fabricated in thin film technology or by electroplating.

4. (Previously presented) The read-write head as claimed in claim 1, wherein the two electromagnetic actuator devices include at least one yoke.

5. (Previously presented) The read-write head as claimed in claim 4, wherein the at least one electromagnetic element of the two electromagnetic actuator devices include a coil about one pole of the at least one yoke.

6. (Previously presented) The read-write head as claimed in claim 5, wherein the at least one yoke comprises a leg, which connects two or more poles of the at least one yoke.

7. (Previously presented) The read-write head as claimed in claim 1, wherein the two electromagnetic actuator devices include at least one magnetizable element.

8. (Previously presented) The read-write head as claimed in claim 7, wherein the at least one magnetizable element includes soft magnetic material.

9. (Previously presented) The read-write head as claimed in claim 7, wherein the at least one magnetizable element includes a flux closing yoke.

10. (Previously presented) The read-write head as claimed in claim 1, wherein the two electromagnetic actuator devices include at least one permanently magnetizable element.

11-12. (Cancelled).

13. (Previously presented) The read-write head as claimed in claim 1, wherein the first block is connected with a second block, whereby the magnetic forces created by the two electromagnetic actuator devices are acting between the carrier and the second block.

14. (Previously presented) The read-write head as claimed in claim 13, wherein the two electromagnetic actuator devices include an electromagnetic element connected with the second block or the carrier, as well as a magnetizable or permanently magnetized element connected to the carrier.

15. (Previously presented) The read-write head as claimed in claim 13, wherein the two electromagnetic actuator devices comprise electromagnetic elements which are located on said second block as well as on said carrier.

16. (Previously presented) The read-write head as claimed in claim 14, wherein the carrier is supported resiliently by said second block.

17. (Previously presented) The read-write head as claimed in claim 1, wherein the two electromagnetic actuator devices comprise three electromagnetic actuator devices.

18. (Previously presented) The read-write head as claimed in claim 1, wherein said read-write head is shaped as a slider.

19. (Previously presented) The read-write head as claimed in claim 18, wherein said slider comprises a glide surface having at least one area of the glide surface that is coated with diamond like carbon (DLC).

20. (Previously presented) The read-write head as claimed in claim 1, wherein said carrier exhibits a smaller thickness than said first block.

21. (Previously presented) The read-write head as claimed in claim 1, wherein said read-write element comprises an element selected from the group consisting of an electromagnetic read-write element, a magneto-resistive electromagnetic read-write element, an optical read-write element, a magneto-optical read-write element, and a combination of at least two of these elements.

22. (Currently amended) A method for data recording on or data retrieval from a data storage medium, comprising:

writing data on at least one predetermined track on a data carrier or reading data read along a track arranged on said data storage medium by the read-write element of the read-write head according to claim 1, wherein the read-write head is attached to a suspension, wherein said read-write element is arranged on a resiliently supported carrier of said read-write head,

readjusting ~~[[the]]~~ a track following of the read-write element by the two electromagnetic actuator devices of the read-write head, each of said electromagnetic actuator devices having actuator elements connected to or integrated in the carrier, wherein the read-write element when viewed in a reading direction is located between both actuator devices and is perpendicularly offset to a plane through the actuator elements, whereby the actuator devices are operated so that a tilting or turning of the read-write element along an axis essentially parallel to the read-write direction is accomplished for readjustment, and

height fine adjusting said read-write element by readjusting the distance between the read-write element and the surface of the data carrier by different actuation of both actuator devices.

23. (Previously presented) The method as claimed in claim 22, further comprising carrying out an adjustment of the distance of the read-write element to the surface of the data carrier.

24. (Currently amended) The method as claimed in claim 22, wherein the read-write element is tilted along an axis essentially parallel to a ~~[[read write]]~~ read-write direction.

25. (Previously presented) The method as claimed in claim 22, further comprising readjusting the track following laterally along a surface of the data carrier.

26. (Currently amended) The method as claimed in claim 22, wherein the at least ~~one~~ two electromagnetic actuator devices of said read-write head ~~[[is]]~~ are activated by exciting a coil.

27 through 38. (Cancelled).